

Data Summary Table  
Dioxin/Furan Analysis - Fish Tissue Samples (Wet Weight)

SITE: Lower Connecticut River  
Case No.: Lower Connecticut River Fish Stu  
LABORATORY: AXYS

SAMPLE NUMBER: STATION LOCATION: MATRIX:	Toxicity Equivalency Factors (1)	CT1-SMB-FC02 CT1 TISSUE	CT1-WS-FC01 CT1 TISSUE	CT1-YP-FC05 CT1 TISSUE	CT4-SMB-FC04 CT4 TISSUE			
TCDD/TCDF CONC.:		ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg
2,3,7,8-TCDD	1.0	0.20 J		0.34 J		0.17 J		0.14 J
1,2,3,7,8-PeCDD	1.0	0.11 J		0.20 J		U	0.10	U
1,2,3,4,7,8-HxCDD	0.5	U	0.10	U	0.10	U	0.10	U
1,2,3,6,7,8-HxCDD	0.01	U	0.10	0.12 J		U	0.10	U
1,2,3,7,8,9-HxCDD	0.01	U	0.10	U	0.10	U	0.10	U
1,2,3,4,6,7,8-HpCDD	0.001	U	0.10	0.17 J		0.16 J		U
OCDD	< 0.0001	U	0.10	U	0.35	U	0.43	U
2,3,7,8-TCDF	0.05	0.57 J		1.33		0.70 J		0.22 J
1,2,3,7,8-PeCDF	0.05	U	0.10	U	0.10	U	0.10	U
2,3,4,7,8-PeCDF	0.5	0.23 J		0.22 J		0.10 J		0.17 J
1,2,3,4,7,8-HxCDF	0.1	U	0.10	U	0.10	U	0.10	U
1,2,3,6,7,8-HxCDF	0.1	U	0.10	U	0.10	U	0.10	U
1,2,3,7,8,9-HxCDF	0.1	U	0.10	U	0.10	U	0.10	U
2,3,4,6,7,8-HxCDF	0.1	U	0.10	U	0.10	U	0.10	U
1,2,3,4,6,7,8-HpCDF	0.01		0.15 *		0.25 *		0.12 *	
1,2,3,4,7,8,9-HpCDF	0.01	U	0.10	U	0.10	U	0.10	U
OCDF	< 0.0001	U	0.10	U	0.10	U	0.10	U
TOTAL TCDD		0.20 J		0.34 J		0.17 J		0.14 J
TOTAL PeCDD		0.11 J		0.20 J		UJ	0.10	UJ
TOTAL HxCDD		UJ	0.10	0.29 J		UJ	0.10	UJ
TOTAL HpCDD		0.65 J		1.63 J		0.44 J		0.63 J
TOTAL TCDF		0.57 J		1.70 J		0.70 J		0.22 J
TOTAL PeCDF		0.23 J		0.77 J		0.50 J		0.17 J
TOTAL HxCDF		UJ	0.10	UJ	0.14	UJ	0.10	UJ
TOTAL HpCDF		UJ	0.10	UJ	0.10	UJ	0.10	UJ
TOXIC EQUIVALENT(1):		0.46 J		0.72 J		0.26 J		0.24 J
PERCENT LIPIDS:		1.09		3.43		1.96		1.39
DILUTION FACTOR:		1.0		1.0		1.0		1.0
DATE SAMPLED:		07/14/00		08/07/00		08/16/00		11/01/00
DATE OF RECEIPT:		02/28/01		02/28/01		02/28/01		02/28/01
SAMPLE EXTRACTION DATE:		03/27/01		03/27/01		03/27/01		03/27/01
ANALYSIS DATE:		04/03/01		04/03/01		04/03/01		04/03/01
LAB SAMPLE ID:		L3233-2		L3233-3		L3233-1		L3233-5

\* = The values in this column are either the Detection Limits (DL) or the Estimated Maximum Possible Concentration (EMPC). The EMPC results are marked with a \*\*. The DL values are unmarked. The EMPC values are not qualified with a "J", since they are already estimated.

(1) The Toxic Equivalent concentration is calculated with the Toxicity Equivalency Factors (TEFs) found in "Toxic Equivalency Factors (TEFs) for PCBs, PCDDs, PCDFs for Humans and Wildlife", Environmental Health Perspectives, Volume 106, Number (12), December 1998, Table 2, page 780.

Concentrations reported by the laboratory below the lowest standard are flagged (J) on the Data Summary Table as estimated values. All other necessary qualifications are defined in Table I.

< = The expected upper limit of the TEF values for the congener in fish.

CT4-WS-FC03			
DL/EMPC*	ng/Kg	DL/EMPC*	ng/Kg
0.10	0.33 J		U
0.10	0.45 J		U
0.10	0.12 J		U
0.10		0.37 *	
0.10	0.22 J		U
0.10	0.40 J		U
0.21	U	0.51	0.14 J
			U
0.10	3.80		0.32 J
	0.11 J		U
	0.32 J		U
0.10	U	0.11 *	U
0.10	U	0.10	U
0.10	U	0.10	U
0.10	U	0.10	U
0.21 *	U	0.10	U
0.10	U	0.10	U
0.10	U	0.13	U
			U
0.10	0.45 J		UJ
0.10	0.97 J		UJ
0.10	3.14 J		UJ
	14.5 J		0.49 J
	5.43 J		0.32 J
	1.67 J		0.16 J
0.10	UJ	0.69	UJ
0.10	0.30 J		UJ
			UJ
	1.2 J		0.017 J
	4.41		1.18
	1.0		1.0
09/11/00	08/07/00		
02/28/01	02/28/01		
03/27/01	03/27/01		
04/03/01	04/03/01		
L3233-6	L3233-4		